

“Sample” Technology Strategies and Action Steps

For the ALEAT Consolidated Plan

Strategy Title: Technology Support [all goal areas]

Description: Expand the use of technology for instruction, professional development, data collection, and parent/community/school communication.

Action Step: The District will provide adequate **technology resources** to support administrative data gathering and reporting, **technology tools** for student instruction and assessment data gathering, community and staff communication, and **technology integration** professional development activities.

Action Step: Employ staff for the following activities: **technology planning, network management, website design, technology integration professional development and technical support** to all staff.

Strategy Title: Classroom Observations [Reading/Language Arts; Math; English Proficiency for ELLs goals]

Description: The district and school site leaders will conduct classroom observations to determine strengths and weaknesses of the level of implementation of identified instructional strategies.

Action Step: The leadership staff will conduct weekly classroom walk-through observations utilizing Mobile Principal **software** and **hand-held hardware** for collecting data.

Strategy Title: Opportunities to Become Highly Qualified [HQ Teachers and Para-Professionals]

Description: Teachers needing to become HQ will be required to complete an Individual Teacher Plan describing the deficits and coursework or tests they must complete in order to become HQ.

Action Step: Teachers will enroll in professional development courses that align with obtaining HQ status through **IDEAL**.



Action Step: Teachers will enroll in **online courses** through a college or university that align with the requirements for obtaining HQ status.

Strategy Title: Teacher Collaborative Sharing and Learning [HQ Teachers and Para-Professionals; Reading/Language Arts; Math; English Proficiency in ELLs; and High School Graduation]

Description: Teachers will create collaborative sharing and learning groups to discuss issues, share resources, and innovate.

Action Step: Teachers will utilize the **collaborative Interest Groups application and various Google Apps for Education in IDEAL** to collaboratively share resources, discuss current issues, create innovate ideas for increasing academic achievement.

Action Step: Technology coaches will be trained in the **Puget Sound Peer Coaching program** that they will incorporate with the teachers that they work with at their school sites.

Action Step: Teachers will complete the **40-hour Intel Teach to the Future** program and use their gained technology knowledge in instructional planning and implementation of academic lessons in the classroom.

Strategy Title: English Language Development Round II Training [English Proficiency for ELLs]

Description: Teachers with ELL students will be trained in English Language Development (ELD) through ADE's Round II A, B, & C training.

Action Step: Teachers will enroll in the **online** 45-Hour SEI Completion course through **IDEAL**.

Strategy Title: Vocabulary Development for ELL Students or Vocabulary Development for Reading/Language Arts Proficiency [English Proficiency for ELLs or Reading/Language Arts Proficiency]

Description: Vocabulary development for ELLs as a part of the 4-hour SEI model.



Action Step: Teachers will **integrate technology** during vocabulary instruction by utilizing the **Oxford Picture Dictionary Classroom Presentation Tool** and the **Oxford Picture Dictionary Interactive** for students.

Strategy Title: Formative Assessment [Reading/Language Arts; Math; English Proficiency for ELLs goals, High School Graduation]

Description: Students will engage in real-time formative assessments with a teacher's immediate feedback to increase academic achievement.

Action Step: Students will use a **student response system (handheld devices known as “clickers”)** to respond to questions asked verbally, on paper, or on screen that enables the teacher to instantly assess students' comprehension of lessons and provide immediate feedback to the students.

Action Step: Teachers will use an **InterwriteMobi system** and **InterwriteWorkSpace software** in conjunction with the student response system to identify students who need special attention or topics that require re-teaching.

Action Step: Teachers will utilize **the online ExamView Assessment Suite** to create, administer, and manage assessments through the district's network connection.

Action Step: Teachers will utilize the **Formative Assessment and AIMS for Educators resources through IDEAL** to create concept level pre- and post –tests, and to use the assessment-item data bank to create tests for their students.

Strategy Title: Student-Centered Collaborative Learning [Reading/Language Arts; Math; English Proficiency for ELLs goals, High School Graduation]

Description: Students will engage in technology integrated student-centered collaborative learning lessons.

Action Step: Students will use **InterwriteMOBI learner tablets** in small collaborative group instruction with the teacher.

Strategy Title: Advanced Placement and Dual-Enrollment [High School Graduation]



Description: Students will engage in Advanced Placement and Dual-Enrollment courses as a motivation for high school graduation.

Action Step: Students will enroll in the **online** Advanced Placement courses offered through **IDEAL**.

Action Step: Students will enroll in **online hybrid** Dual-Enrollment courses offered through the local community college and high school.

Strategy Title: Engaged Learning [Reading/Language Arts; Math; English Proficiency for ELLs goals, High School Graduation]

Description: Teachers will engage students in academic lessons through the use of technology in order to increase academic achievement.

Action Step: Teachers will utilize **Discovery Education Streaming and iTunesU through IDEAL** to engage students in their lessons.

Strategy Title: Lesson Planning [Reading/Language Arts; Math; English Proficiency for ELLs goals, High School Graduation]

Description: Teachers will use technology tools to plan academic lessons that meet the needs of students.

Action Step: Teachers will use **Recipes4Success and Learning Resource Manager through IDEAL** to assist with creating standards-based academic lessons.

Strategy Title: Internet Safety [Safe, Drug-Free Schools Conducive to Learning]

Description: The district will use technology to create safe schools that are conducive to learning.

Action Step: The district will provide **safe and appropriate internet access** through the district firewall that is compliant with **CIPA procedures**.

Action Step: The district will require all staff, students, and parents to read, accept, and sign an **Acceptable Use Policy for technology and the internet** prior to using such tools.



Action Step: The school district will develop policies and procedures related to maintenance of hardware, software, infrastructure, and security.

Action Step: The school district will meet current and future requirements to keep the technology current; maintain and support existing technology and networking.

Action Step: The school district will ensure that the infrastructure for broadband connectivity delivered to district classrooms is commensurate with state-of-the-art information systems.

Strategy Title: Access to Increased Communication [Parent Involvement]

Description: The district will increase and maintain access to communication from the district and school level to parents and families through the use technology.

Action Step: The district will maintain an up-to-date internet web page communicating information about the district and school to families, the community, and the world.

Action Step: The district retain an infrastructure that enables email communication and notification systems through technology in order to communicate with parents and families.

Action Step: The district will maintain an online student management system that allows parents access to their child's grades and electronic student portfolios.

Action Step: Each school library or media center will support/host a math/science/technology week in the fall and spring semester of the school year including one open house evening showcasing math/science/and technology.

Misc action steps

Action Step: The school district will acquire a district license with Gaggle.Net with individual online Digital Lockers for saving student work.

Action Step: The school district will acquire a district license to Voyager Learning for Ticket To Read prescriptive interactive accounts for each student that can be used with each student's benchmark scores.

Action Step: The school district will administer the Technology Literacy Assessment (TLA) pre- and post –assessments with the 5th and 8th grades.

